

# Material Safety Data Sheet

CORCRAFT  
New York State Department of Corrections  
Building 2, State Campus  
Albany, NY 12226

MSDS No. 7

CORCRAFT HEAVY DUTY  
SILICATED LAUNDRY  
DETERGENT

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## SECTION 1: MATERIAL IDENTIFICATION

Material Name: CORCRAFT HEAVY DUTY SILICATED LAUNDRY DETERGENT

Description (Origin/Uses): Product Code: 6-U02-5592

CAS Number: None, mixture.

CAUTION: Use caution when handling the detergent. Avoid contact with the skin, eyes, and mucous membranes.

Manufacturer: CORCRAFT  
New York State Department of Corrections  
Building 2, State Campus  
Albany, NY 12226

Phone: (518) 436-6321

HMIS  
H 1  
F 0  
R 0  
PPG\*  
\*See sect. 8

## SECTION 2: INGREDIENTS AND HAZARDS/EXPOSURE LIMITS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
Sodium Carbonate	497-19-8	7.5	*
Poly(Methyl Vinyl Ether/Maleic Acid) (Nonhazardous)	25153-40-6	3	*
Nonyl Phenoxy Poly Ethoxy Ethanol	68412-54-4	2.5	*
Sodium Metasilicate	6834-92-0	84.5	*
Carboxymethylcellulose (Nonhazardous)	9004-32-4	1	*
Triazole Stilbene and Triazinyl (Blend)	Mixture	0.5	*
Alkyl Aryl Sulfonate		1.0	*

Comments: CORCRAFT Heavy Duty Silicated Laundry Detergent is not expected to present harmful health effects when used as specified in the instructions.

\*Occupational exposure limits (OELs) have not yet been established by ACGIH, OSHA, or NIOSH for the ingredients of the laundry detergent or this product itself.

## SECTION 3: PHYSICAL DATA

Water Solubility (%): Soluble

pH: For Escolloid ingredient is 12.75; this product is caustic (pH >7)

Appearance and Odor: A white granular powder; slight "detergent" odor.

Comments: In the context of occupational or residential exposure, the physical properties of CORCRAFT Heavy Duty Silicated Laundry Detergent are not expected to present any significant harmful effects to the user of this product unless it is intentionally concentrated/misused.

## SECTION 4: FIRE AND EXPLOSION DATA

Flash Point: \*

Autoignition Temperature: \*

LEL: \*

UEL: \*

Extinguishing Media: \*Noncombustible. Use extinguishing agents such as carbon dioxide, dry chemical, or foam to fight fires involving CORCRAFT Heavy Duty Silicated Laundry Detergent.

Unusual Fire or Explosion Hazards: \*Greater than 90% of this formulation is non-combustible; therefore the fire risks are minimal.

Special Fire-fighting Procedures: Fire-fighting personnel must wear appropriate personal protective equipment to safely deal with the surrounding fire.

## SECTION 5: REACTIVITY DATA

Stability/Polymerization: This product is stable under routine conditions of use and does not undergo hazardous polymerization.

Chemical Incompatibilities: Be cautious about mixing CORCRAFT Heavy Duty Silicated Laundry Detergent with other cleaning products. Carefully read and follow all directions and recommendations printed on this product's label. This product should not be used for any purpose other than its intended use. Pay careful attention to the manufacturer's suggested quantities for use and specific recommendations.

Conditions to Avoid: Prevent contact with moisture or water in storage prior to use.

Hazardous Decomposition Products: Thermal oxidative degradation of CORCRAFT Heavy Duty Silicated Laundry Detergent can produce compounds containing sodium, carbon, oxygen, or hydrogen.

**SECTION 6. HEALTH HAZARD INFORMATION**

**Carcinogenicity:** Neither the NTP, IARC, nor OSHA lists CORCRAFT Heavy Duty Silicated Laundry Detergent or its ingredients as carcinogens.

**Summary of Risks:** Inhaling a dust cloud of CORCRAFT Heavy Duty Silicated Laundry Detergent may result in transient irritation of the nose, throat, and respiratory tract. Simply removing oneself from this exposure and breathing fresh air for a few minutes should clear away the initial discomfort. Prolonged or repeated inhalation of large amounts might cause coughing, discomfort, and possible tissue corrosion. Accidental contact with your eyes will likely result in immediate eye irritation, redness, pain, and discomfort. A qualified physician should treat serious eye exposures to CORCRAFT Heavy Duty Silicated Laundry Detergent because of the possible chemical damage (caustic not acidic). Irritation, dryness, and scaling of the skin may result from prolonged or repeated contact with the skin in highly sensitive individuals.

**Medical Conditions Aggravated by Long-Term Exposure:** None reported. **Target Organs:** Eyes, skin. **Primary Entry:** Inhalation, skin and eye contact. **Acute Effects:** Skin or eye contact with CORCRAFT Heavy Duty Silicated Laundry Detergent is likely to produce irritation. **Chronic Effects:** Respiratory and skin irritation in highly sensitive individuals.

**FIRST AID**

**Eyes:** Immediately flush, including under the eyelids, gently but thoroughly with flooding amounts of running water for at least 15 minutes. Get prompt medical attention from qualified personnel.

**Skin:** Rinse the affected area with running water for at least 15 minutes to remove the CORCRAFT Heavy Duty Silicated Laundry Detergent from the skin's surface. Remove contaminated clothing and shoes. Continuing irritation should be treated by qualified medical personnel.

**Inhalation:** Walk to the nearest area of fresh air.

**Ingestion:** Do not ingest. If swallowed, do *not* induce vomiting. Give large quantities of water. Give at least one ounce of vinegar in an equal amount of water to neutralize. Never give anything by mouth to an unconscious person. Call a physician.

**SECTION 7. SPILL, LEAK, AND DISPOSAL PROCEDURES**

**Spill/Leak:** Spills of this product should be quickly picked up. Do not stir up the spilled CORCRAFT Heavy Duty Silicated Laundry Detergent because the loose powder could become airborne in a "cloud" leading to inhalation exposures. Spills of this product on wet floors can lead to slippery conditions. Clean up spills promptly.

**Waste Disposal:** If this product becomes unusable for any reason, it must be disposed of in a manner consistent with applicable Federal, state, and local regulations.

**SECTION 8. SPECIAL PROTECTION INFORMATION**

**Goggles:** In certain industrial situations wearing protective glasses is suggested to prevent accidental eye contact. Prevent eye contact with airborne detergent powder/dust from stirring up the loose detergent powder.

**Gloves:** In certain industrial situations wearing protective gloves is suggested when working with CORCRAFT Heavy Duty Silicated Laundry Detergent in bulk quantities to prevent irritation, dryness, scaling, or other discomforting skin conditions (especially on the hands, wrists, and forearms). If a rash or serious irritation of your skin develops from handling the detergent, see if a modification in the clothing worn or in the use of the detergent can stop the problem.

**Respirator:** During routine situations where this product is used with good ventilation, a respirator is not needed to safely use this product. Avoid intentionally or accidentally concentrating an airborne cloud of detergent powder (from handling operations) and then breathing in some of this dust cloud. Respirators may be required where bulk quantities are handled and dusting cannot be avoided.

**Other:** Wash contaminated clothing before re-use.

**Comments:** If used carefully, and not intentionally or accidentally misused, this product should present no unusual or harmful effects to the residential user. *Read and follow all directions and suggestions printed on the label of CORCRAFT Heavy Duty Silicated Laundry Detergent.* Never eat, drink, or smoke as you work with this product. Practice good personal hygiene procedures that prevent transferring this detergent from your hands to your mouth or eyes while eating, drinking, or smoking. Always wash carefully after using CORCRAFT Heavy Duty Silicated Laundry Detergent and before eating, drinking, smoking, using the toilet facilities, or applying cosmetics.

**SECTION 9. SPECIAL PRECAUTIONS AND COMMENTS**

**Storage/Segregation:** Store this product in its original containers in a cool, dry, well-ventilated area. Protect these containers of CORCRAFT Heavy Duty Silicated Laundry Detergent from physical damage and/or excessive heat. Do not transfer any of this detergent into other containers unless they are carefully labeled.

**Special Handling/Storage:** Use a first-in/first-out inventory rotation schedule to ensure this product is used in the same order it is received from the manufacturer or distributor. Prevent water from entering containers of CORCRAFT Heavy Duty Silicated Laundry Detergent.

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